

# Converting Colors

Hex(E08248)

Have a look what the booklet for  
Hex(E08248) contains.

<b>Hex(E08248)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E08248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E08248
RGB	224, 130, 72
RGB Percent	88%, 51%, 28%
CMY	0.1216, 0.4902, 0.7176
CMYK	0.00, 0.42, 0.68, 0.12
HSL	23°, 71%, 58%
HSV	23°, 68%, 88%
XYZ	39.8928, 32.2804, 10.2591
YIQ	151.4940, 74.6420, 1.8900

# Conversions

## Conversions Part 2

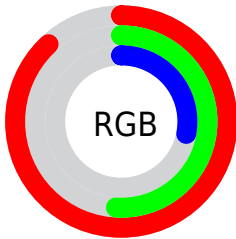
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 166, 72
Decimal	14713416
CIE <sub>Lab</sub>	63.57, 31.37, 46.19
CIE <sub>LCh</sub>	64, 55.833, 55.818
Yxy	32.2804, 0.4839, 0.3916
Android (android.graphics.Color)	4292903496 (0xFFE08248)
YUV	151.4940, -39.1905, 63.5878
Hunter-Lab	56.8159, 25.9045, 29.0653

# Details

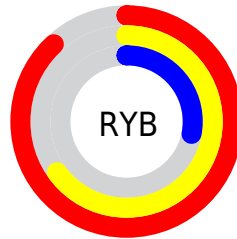
The Hex color **E08248** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **48A6E0**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB87B**, and **A44F17** is the 20% darker color. If you saturate the color by 10%, you get **E07432**, and if you desaturate by 10%, it is **E0905E**.

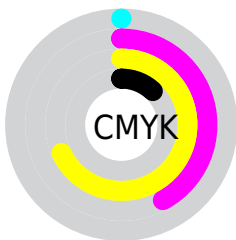
# Distribution



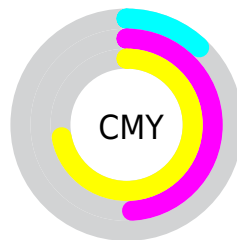
- Red (88%)
- Green (51%)
- Blue (28%)



- Red (88%)
- Yellow (65%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (68%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E08248 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E08248 by changing the saturation by 10% instead.



 E08248

 E08248

FFFFFF

 C26830

 FFB87B

 A44F17

 FFD495

 863700

 FFF0B0

 691F00

 FFFFCC

 4D0500

 FFFFEE

 320000

 0A0000

 000000

 E08248

 E08248

 E07432

 E0905E

 E0661B

 E09E75

 E05805

 E0AC8B

 E05500

 E0B9A2

 E0C7B8

 E0D5CE

 E0E3E5

 E0F1FB

 E0FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F47172



E08248



BB9530

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E08248



00B291



9090F4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E08248



48A6E0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A2FD



E08248



00B2C4

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E08248



4AAD60



00ADEB



D07BD3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E08248



9CA033



00ADEF



7196FA



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E08248



FFDFCC



E048A8



806D61



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E08248



FF7F30



E0CC48



706965



B04300



301200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48A6E0



30B0FF



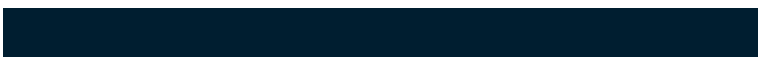
485CE0



656C70



006DB0



001E30



# Previews

## White Background



This preview shows how the Hex color E08248 looks on a white background.

## Color Contrast Check

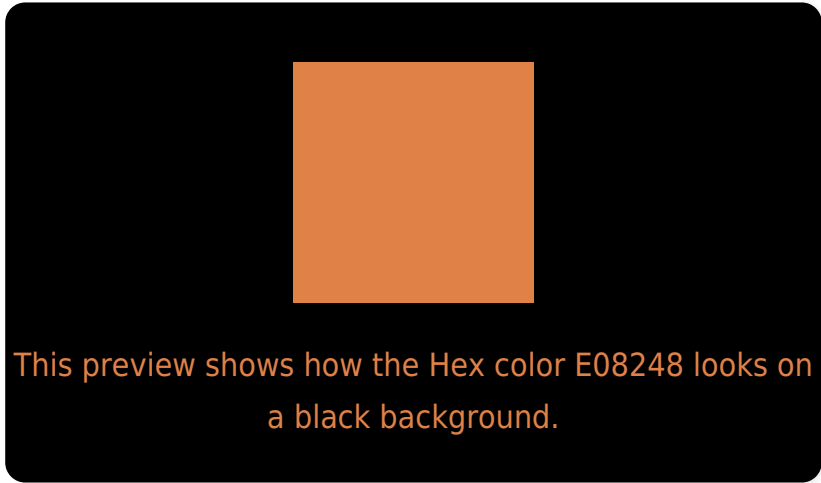
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

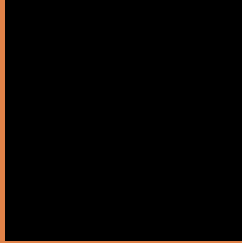
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E08248 Background



This preview shows how black text looks on a background with the Hex color E08248.



This preview shows how white text looks on a background with the Hex color E08248.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
E08248

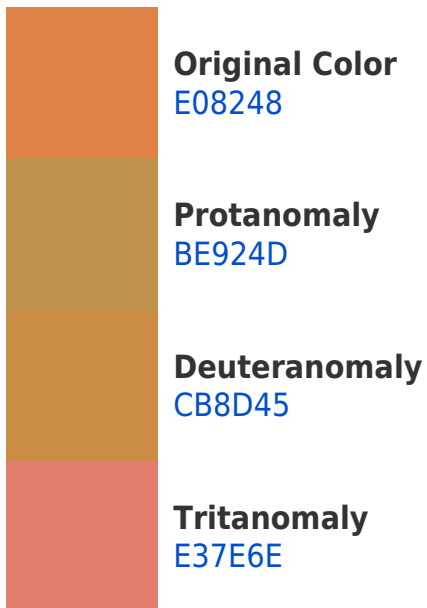
**Protanopia**  
AA9B50

**Deuteranopia**  
BF9344



**Tritanopia**  
E47B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E08248 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E08248 looks like.

```
.text, #text, p{  
    color:#E08248  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E08248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E08248
}
```

## Border

The CSS property to change the border of an element to Hex E08248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E08248 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E08248 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E08248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E08248; -webkit-box-shadow:4px 4px  
4px 4px #E08248; box-shadow:4px 4px 4px  
4px #E08248 }
```

# Background

The CSS property to change the background color of an element to Hex E08248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E08248 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E08248 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor